

Product datasheet for **MR224091**

0610010K14Rik (NM_001177606) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 0610010K14Rik (NM_001177606) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 0610010K14Rik
Synonyms: 1110020A23Rik; AL033328; AU045833; Bap18
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR224091 representing NM_001177606
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGTCAGCGTCCACCAAGGTTGGAGAGATCTTCTCCGCGCCGGCCGCCCTTCACGAAGCTCGGGG
AGTTGACGATGCAGCTGCATCCAGTCTCGACTCTTCCCCTGCCGGGCTCAGATAAAGACCACTGTGAA
GCGAAAAGTGTATGAAGACTCCGCATCCCCCTCCAGCTGAGTCACCCAAGAAAGACCAAGAAGATG
ACGTCCGGTGTCTCTCACCTCCAAACGCCCTCCACCCAGCAGCTCCAGTGTCCCTGAAGCTGGGGTTC
CTCCATAAAGAAACAGAAGGCTGACAGCTGACCTGGACTCTGGCCTCTCACCACTCCGCTGATGC
TCCTCTCTCTCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR224091 representing NM_001177606
Red=Cloning site Green=Tags(s)

MTSASTKVGEIFSAAGAAFTKLGELTMQLHPVSDSSPAGAQIKTTVKRKVYEDSGIPLPAESPCKGPKKM
TSGVLSPPNAPPPSSSVPEAGVPPIKKQKADSLTLDGLLTTSADAPLLSC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001177606.1</u> , <u>NP_001171077.1</u>
RefSeq Size:	698 bp
RefSeq ORF:	369 bp
Locus ID:	104457
UniProt ID:	<u>Q9DCT6</u>
Cytogenetics:	11 B3
MW:	12.8 kDa
Gene Summary:	Component of chromatin complexes such as the MLL1/MLL and NURF complexes. [UniProtKB/Swiss-Prot Function]